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Efforts for launching JSNS2 experiment at J-PARC

JSNS² (J-PARC Sterile Neutrino Search at J-PARC Spallation Neutron Source) is a short baseline neutrino oscillation experiment searching for $\bar{\nu}_{\mu} \to \bar{\nu}_{e}$ appearance mode caused by sterile neutrinos at the Material and Life Science Experimental Facility (MLF) of J-PARC.

The detector construction and installation to the experimental site recently has been done, and commissioning works are on-going at J-PARC MLF. In this poster, we describe topics related to hardware aspects of the detector and efforts of commissioning to commence first physics run.

Mini-abstract

The many efforts on both hardware and software make JSNS² detector ready for first physics run.

Experiment/Collaboration

JSNS2 Collaboration

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